PATENT Case No. 20430P

ICE

IN THE INITED STATES PATENT	TAND TRADEMARK OFF
Applicants: Petruknin et al.	
Serial No. 09/937,499	Art Unit: <u>1646</u>
Filed: February 7, 2002	Examiner:

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT **UNDER 37 CFR 1.97**

Sir:

- 1. In compliance with 37 C.F.R. 1.97, submitted on the attached form herewith is a list of patents, publications or other information which are requested to be made of record in this application. This Information Disclosure Statement is not an admission that any patent, publication or other information referred to herein is "prior art" for this invention. In accordance with 37 C.F.R. 1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 C.F.R. 1.56(b).
- 2. In accordance with 37 C.F.R. 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made.
- 3. Applicants respectfully request that the Examiner initial the attached form after reviewing the pertinence of each reference.
- Pursuant to 37 C.F.R. 1.98 (a)(2)(ii), copies of each cited U.S. patent and each U.S. patent application publication are not enclosed herewith.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. on the date appearing below.

MERCK & CO., INC.

Date 8/1/05



5. Pursuant to 37 C.F.R. 1.98(d), copies of references listed on the attached form that were submitted to or cited by the Office in a related application upon which the instant application relies for an earlier filing date under 35 U.S.C. 120 are not enclosed. Related application(s) in which references were submitted to or cited by the Office are as follows:

	RELATED APPLICATION			
U. S. SERIAL NUMBER	FILING DATE	MERCK CASE		

If this is inconvenient, additional copies will be submitted upon request.

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	6. In accordance with 37 C.F.R. 1.97, (check one)	
	the attached information is filed within three months of the filing d	ate of the captioned case.
\checkmark	the attached information is filed more than three months after the Office Action on the merits.	filing date but prior to the mailing of a first
	the attached information is being filed more than three months aftoffice Action on the merits, but before the mailing date of a Final authorization is therefore given to charge Deposit Account No. 13.1.17(p). the undersigned certifies that each item of information contained cited in any communication from a foreign patent office in a count months prior to the filing of this Statement.	Action or Notice of Allowance. The enclosed 3-2755 for the fee required under 37 C.F.R. in this Information Disclosure Statement was first
	the undersigned certifies that no item of information contained in a communication from a foreign patent office in a counterpart fore person signing the certification after making reasonable inquiry, w C.F.R. 1.56(c) more than three months prior to the filing of this St	eign application, and, to the knowledge of the was known to any individual designated under 37
		By: Vineet Kohli Attorney For Applicant(s) Reg. No. 37,003 MERCK & CO., INC. Patent Dept., RY60-30 P.O. Box 2000 Rahway, N.J. 07065-0907 (732)594-3889
	·	Date: August 1, 2005

		Patent and Trademark Office; U.S DEPARTMENT OF COMMERCE		
Substitute for form 1449A/PTO	COMPLETE IF KNOWN			
INFORMATION DISCLOSURE	Application Number	09/937,499		
STATEMENT BY APPLICANT	Filing Date	February 7, 2002		
STATEMENT BY AFFLICANT	First Named Inventor	Konstantin Petrukhin		
AUG 0 3 2005 (use as many sheets as necessary)	Group Art Unit	1646		
(use as many sheets as necessary)	Examiner Name			
Sheef DEMA 1 of 4	Attorney Docket Number	20430P		

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document	Kind Code (known)		Date of Publication of Cited Document MM-DD-YYYY
	Α	5,661,035		Tsien et al.	08/26/1977

	FOREIGN PATENT DOCUMENTS					
			Foreign Patent Document		Date of Publ	
Examiner Initials*	Cite No.	Office	Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Cited Document MM-DD-YYYY

Examiner Signature Date Considered

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	STATEMENT BY APPLICANT			First Named Inventor	Konstantin Petrukhin
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Sheet	2 2	of	4	Attorney Docket Number	20430P

	NON PATENT LITERATURE DOCUMENTS				
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.			
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	E	Sullivan & Daiger, "Inherited retinal degeneration: exceptional genetic and clinical heterogeneity", Mol. Med. Today, 2:380-386 (September 1996)			
	F	Evans et al., "Genetic linkage of cone-rod retinal dystrophy to chromosome 19q and evidence for segregation distortion", Nature Genetics, 6:210-213 (February 1994)			
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	P	Leppanen et al., "A Physical Map of the 6q14-q15 Region Harboring the Locus for the Lysosomal Membrane Sialic Acid Transport Defect", Genomics, 37:62-67 (1996)			

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Examiner Signature	Date Considered	

^{*}Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute for form 1449B/PTO	COMPLETE IF KNOWN			
INFORMATION DISCLOSURE	Application Number	09/937,499		
CATEMENT DV ADDI ICANIT	Filing Date	February 7, 2002		
STATEMENT BY APPLICANT	First Named Inventor	Konstantin Petrukhin		
AUG 0 3 2005 (C)	Group Art Unit	1646		
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Sheet RADEMIS of 4	Attorney Docket Number	20430P		

		NON PATENT LITERATURE DOCUMENTS
Examiner Initials*	Cite No.	Include name of the author, title, date, page(s), volume-issue number(s) and place of publication.
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	CC	John Hodgson, "Receptor Screening and the Search for New Pharmaceuticals", Bio/Technology, 10:973-980 (September 1992)
	DD	Hopp and Woods, "Prediction of protein antigenic determinants from amino acid sequences", Proc. Natl. Acad. Sci. USA, 78:3824-3828 (June 1981)
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STATEMENT BY APPLICANT AUG 0 3 2005 & (use as many sheets as necessary)				Application Number	09/937,499		
				Filing Date	February 7, 2002 Konstantin Petrukhin 1646		
				First Named Inventor			
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	кк	Lin et al., "Recombination in mouse L cells between DNA introduced into cells and homologous chromosomal sequences", Proc. Natl. Acad. Sci. USA, 82:1391-1395 (March 1985)					
	LL	Smithies et al., "Insertion of DNA sequences into the human chromosomal β-globin locus by homologous recombination", Nature, 317:230-234 (September 1985)					
	ММ	Thomas et al., "High Frequency Targeting of Genes to Specific Sites in the Mammalian Genome", Cell, 44:419-428 (February 1986)					
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	00	Kim et al., "Problems encountered in detecting a targeted gene by the polymerase chain reaction", Gene, 103:227-233 (1991)					
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	QQ	Mansour et al., "Disruption of the proto-oncogene int-2 in mouse embryo-derived stem cells: a general strategy for targeting mutations to non-selectable genes", Nature, 336:348-352 (November 1988)					
	RR	Mario R. Capecchi, "Altering the Genome by Homologous Recombination", Science, 244:1288-1292 (June 1989)					

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